Generics

```
class M<E extends Comparable<E>>{
  E m = null;

  E a(E e){
    if (m == null || e.compareTo(m) == 1){
      m = e;
    }
    return m;
  }
}

public class Main{
  public static void main(String[] args){
      M<Double> m = new M<Double>();
      m.a(3.8);
      m.a(13.8);
      Out.print(m.a(12.3));
  }
}
```

Was wird ausgegeben?

1. 0
2. null
3. 3.8
4. 12.3
5. 13.8
6. kompiliert gar nicht

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Generics

```
class Max<E extends Comparable<E>>{
  E max = null;
  // replace current max by e if e > max, return max
  E add(E e){
    if (max == null || e.compareTo(max) == 1){
      max = e;
    }
    return max;
  }
}

public class Main{
  public static void main(String[] args){
      Max<Double> max = new Max<Double>();
      max.add(3.8);
      max.add(13.8);
      Out.print(max.add(12.3));
  }
}
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